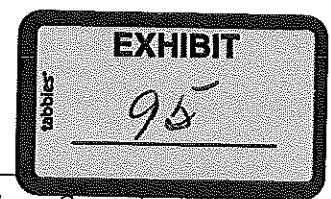


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BUREAU OF WATER PROTECTION AND LAND REUSE
OFFICE OF THE BUREAU CHIEF

January 26, 2010

JAN 28 2010

Department of Environmental Protection
Bureau of Water Protection and Land Reuse
Planning and Standards Division
79 Elm Street
Hartford, CT 06106-5127

Attention: Paul E. Stacey

Re: Stream Flow Standards and Regulations

Gentlemen:

The following are additional questions on the proposed Stream Flow Standards and Regulations, beyond the questions submitted on January 21, 2010.

The proposed stream flow regulations allow impoundments on watersheds less than 3.0 square miles to release 0.1 cubic feet per second per square mile (cfs/m). What would the release requirements be for a downstream impoundment, if owned by someone else? As the downstream releases would be based on total drainage area, would the downstream owner have to make up the difference in the release rates? What if the downstream diversion was from ground water?

How will multiple ground water diversions in series be calculated? If the Q99 is based on natural conditions, the downstream diverters will have lower base flows to start with.

Respectively submitted

ROALD HAESTAD, INC.

By Donald L. Smith
Donald L. Smith, P.E.
Vice President

DLS/jen
File 125-111